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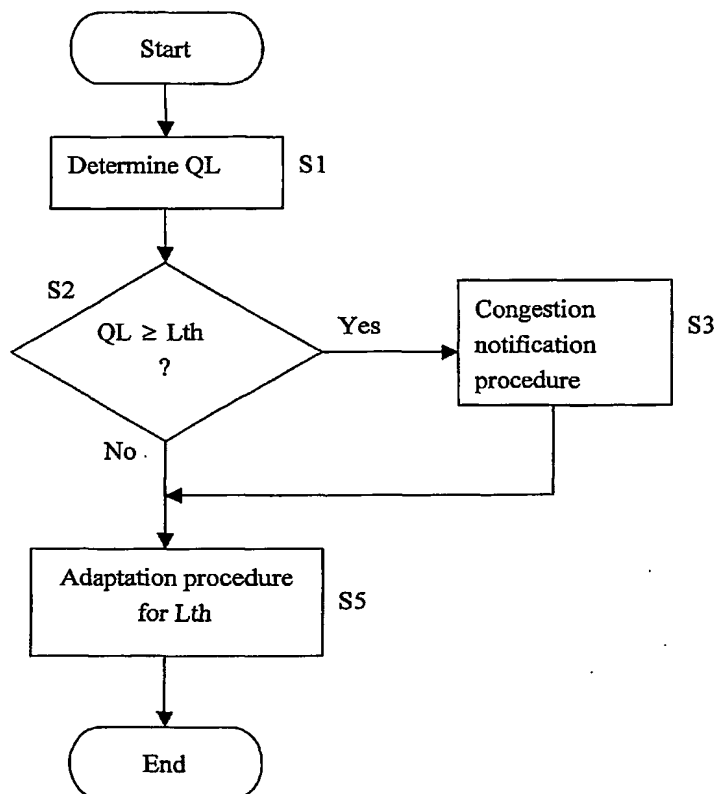
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(54) Title: METHOD AND DEVICE FOR CONTROLLING A QUEUE BUFFER



(57) Abstract: A queue buffer control system is described, in which a queue length parameter QL is compared with a length threshold value Lth for triggering a congestion notification procedure that comprises a decision procedure for deciding whether to perform congestion notification or not. Also, an automatic threshold adaptation procedure S5 for adapting the threshold Lth on the basis of an estimated link capacity value LC is provided. The automatic threshold adaptation procedure S5 is operable in one of at least a first and a second adaptation mode, the first adaptation mode being associated with minimizing queuing delay and adapting the threshold value Lth on the basis of $n \cdot LC$, where $n \geq 1$, and the second adaptation mode being associated with maximizing utilization and adapting the threshold value Lth on the basis of $m \cdot LC$, where $m > 1$ and $m > n$.

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